

Roof Replacement: College -- No. 876664

Category
Subcategory
Administering Agency
Planning Area

Montgomery College
Higher Education
Montgomery College
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 20, 2008
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,005	742	25	238	0	0	96	50	60	32	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,590	3,968	1,010	1,612	0	0	648	350	396	218	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,595	4,710	1,035	1,850	0	0	744	400	456	250	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,144	2,259	1,035	1,850	0	0	744	400	456	250	0
Current Revenue: General	1,248	1,248	0	0	0	0	0	0	0	0	0
State Aid	1,203	1,203	0	0	0	0	0	0	0	0	0
Total	7,595	4,710	1,035	1,850	0	0	744	400	456	250	0

DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2004. An update to this survey was conducted in 2008.

JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (2008) delineates specific building projects through FY14. This schedule was updated again in FY08. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

Collegewide Roof Surveys Update (1/08), Collegewide Facilities Condition Assessment Update (11/07) and Collegewide Facilities Master Plan Update (Pending 11/08).

OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2009 Appropriation: \$0

FY2010 Appropriation: \$0

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY87	(\$000)
First Cost Estimate	FY09	7,995
Current Scope		
Last FY's Cost Estimate		7,995
Appropriation Request	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,745
Expenditures / Encumbrances		4,710
Unencumbered Balance		1,035
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

COORDINATION

Energy Conservation (CIP#816611)
PLAR: College (CIP#926659)
FY09 -- Collegewide Roof Surveys & Major Repairs, Science & Applied Studies Clay Tile (GT) and PE Clay Tile (GT)
FY11 -- Physical Education (RV)
FY12 -- Collegewide Roof Survey & Major Repairs
FY13 -- Campus Center (RV)
FY14 -- North Pav. (TP/SS), Math Pav. (TP/SS), Info. Sci. Pav. (TP/SS), Student Services Pav. (TP/SS)

MAP

